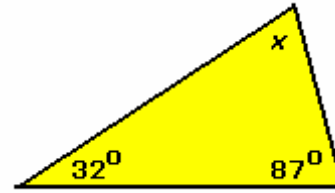


11.1 Key Concepts 1 Interior Angles of a Triangle Worked Example

Example: Find the measure of angle x .

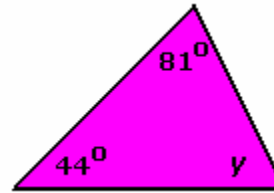
Solution: The interior angles of a triangle add to 180° .

$$\begin{aligned}\angle x &= 180^\circ - 32^\circ - 87^\circ \\ &= 61^\circ\end{aligned}$$

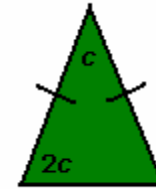


Practice:

1. Find the measure of angle y .



2. Find the measure of angle c .



Answers: 1. 55° , 2. 36°